

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A time certification server, comprising:

a receiving section configured to receive, ~~that receives~~ from a terminal apparatus, an issue request for a time certification code and terminal information relating to the terminal apparatus, the terminal information including position information of the terminal apparatus obtained by measuring a position of the terminal apparatus;

a temporal change information input section configured to input ~~that inputs~~ temporal change information;

a first code generating section configured to generate ~~that generates~~ a first code by encoding the temporal change information ~~inputted by the temporal change information input section~~, and output ~~outputs~~ the first code;

a second code generating section configured to generate ~~that generates~~ a second code based on the received terminal information ~~received at the receiving section~~ and the first code ~~outputted from the first code generating section~~, and output ~~outputs~~ the second code;

a transmitting section configured to transmit ~~that transmits~~ to the terminal apparatus the second code ~~outputted from the second code generating section~~ as a time certification code;

a time certification code memory section configured to store ~~that stores~~ the time certification code ~~transmitted from the transmitting section~~ in correlation with time; and

a certification processing section configured to receive ~~that receives~~ the time certification code from the terminal apparatus, search ~~searches~~ the time certification code memory section ~~[[by]]~~ using the time certification code received, ~~thereby obtaining~~ to obtain time correlating with the time certification code, and output ~~outputs~~ certification information based on the time obtained to the terminal apparatus.

Claim 2 (Currently Amended): The time certification server of claim 1, wherein the temporal change information includes ~~input section inputs the temporal change information including~~ weather information, and ~~wherein~~ the first code generating section is configured to hash ~~hashes~~ the temporal change information including the weather information, ~~thereby thus generating to generate~~ the first code.

Claim 3 (Currently Amended): The time certification server of claim 1, wherein ~~the receiving section inputs the terminal information~~ includes ~~including~~ terminal identification information of from ~~from~~ the terminal apparatus, and ~~wherein~~ the second code generating section is configured to hash ~~hashes~~ the terminal information including the terminal identification information and the temporal change information, ~~thereby thus generating to generate~~ the second code.

Claim 4 (Canceled).

Claim 5 (Currently Amended): The time certification server of claim 1, wherein ~~the receiving section receives from the terminal apparatus the terminal information including~~ includes location-dependent information ~~that is available for the terminal apparatus to acquire at a position where~~ unique to a location of the terminal apparatus ~~[[is]], and~~ ~~wherein~~ the second code generating section is configured to hash ~~hashes~~ the terminal information including the location-dependent information and the temporal change information, ~~thereby thus generating to generate~~ the second code.

Claim 6 (Currently Amended): The time certification server of claim 1, wherein
~~the receiving section receives from the terminal apparatus~~ the terminal information
~~including~~ includes terminal positioning information, ~~which is~~ obtained by a Global
Positioning System (GPS) satellite used to measure ~~by measuring~~ a position of the terminal
apparatus, and positioning time information, ~~which is~~ acquired from a satellite electronic
clock of the GPS satellite; and

the time certification server further comprises ~~comprising~~:
a server electronic clock ~~that is~~ synchronized with the satellite electronic clock of the
GPS satellite; and

a certification time recording section configured to store ~~that stores in the time~~
~~certification code memory section~~ the positioning time information included in the terminal
information and time information ~~about time~~ measured by the server electronic clock.

Claim 7 (Currently Amended): The time certification server of claim 1, wherein
~~the receiving section inputs from the terminal apparatus~~ the terminal information
includes ~~including~~ a previously issued time certification code,

~~wherein~~ the second code generating section is configured to generate ~~generates~~ the
second code based on the terminal information including the time certification code and the
temporal change information, and

~~wherein~~ the transmitting section is configured to transmit ~~transmits~~ to the terminal
apparatus the second code output ~~outputted~~ from the second code generating section as a new
time certification code.

Claim 8 (Currently Amended): The time certification server of claim 7, wherein

the time certification code memory section is configured to store ~~stores~~ the previously issued time certification code and the new time certification code in correlation with each other in a traceable manner, and

~~wherein~~ the certification processing section, upon receipt of the time certification code from the terminal apparatus, is configured to retrieve ~~retrieves~~ from the time certification code memory section a time certification code that correlates with the time certification code received, and output ~~outputs~~ to the terminal apparatus the certification information ~~that is~~ acquired from the time certification code retrieved.

Claim 9 (Currently Amended): The time certification server of claim 1, further comprising:

a condition checking section configured to detect ~~that detects~~ whether information acquired from the terminal information meets a predetermined condition, and

a special code instruction section configured to instruct ~~that instructs~~ the second code generating section to add a special code indicating that the information acquired from the terminal information meets the predetermined condition when the condition checking section detects that the information acquired from the terminal information meets the predetermined condition.

Claim 10 (Currently Amended): The time certification server of claim 1, further comprising:

a condition checking section configured to detect ~~that detects~~ whether information acquired from the terminal information meets a predetermined condition, and

an inhibiting section configured to inhibit ~~that inhibits~~ the second code generating section from generating the second code when the condition checking section detects that the information acquired from the terminal information meets the predetermined condition.

Claim 11 (Currently Amended): The time certification server of claim 1, wherein the temporal change information input section is configured to be connected ~~connectable~~ to a plurality of source devices, each providing the temporal change information, and select ~~selects~~ one of the plurality of source devices based on time, ~~thereby thus inputting the temporal change information.~~

Claim 12 (Currently Amended): The time certification server of claim 11, wherein the temporal change information input section is configured to select ~~selects~~ the one of the plurality of source devices at random, ~~thereby thus inputting the temporal change information.~~

Claims 13-14 (Canceled).

Claim 15 (Currently Amended): A time certification method, ~~which is performed by~~ a time certification system including ~~that includes~~ a terminal apparatus and a time certification server, comprising:

~~the terminal apparatus:~~

transmitting, from the terminal apparatus, an issue request for a time certification code and terminal information relating to the terminal apparatus to the time certification server, the terminal information including position information of the terminal apparatus obtained by measuring a position of the terminal apparatus;

~~the time certification server:~~

receiving, at the time certification server, ~~from the terminal apparatus~~ the issue request for the time certification code and the terminal information relating to the terminal;

inputting, at the time certification server, temporal change information from a source device that provides the temporal change information;

generating, at the time certification server, a first code by encoding the temporal change information, and outputting the first code;

generating, at the time certification server, a second code based on the terminal information and the first code, and outputting the second code;

transmitting, from the time certification server, the second code to the terminal apparatus as a time certification code;

storing, at the time certification server, the time certification code in a time certification code memory section in correlation with time;

~~the terminal apparatus:~~

transmitting, from the terminal apparatus, the time certification code to the time certification server and requesting time certification,

~~the time certification server:~~

receiving, at the time certification server, the time certification code from the terminal apparatus; and

searching, at the time certification server, the time certification code memory section [[by]] using the time certification code received, ~~thereby obtaining~~ to obtain time correlating with the time certification code, and outputting to the terminal apparatus the certification information based on the time obtained.

Claim 16 (Canceled).

Claim 17 (Currently Amended): The time certification method of claim 15, wherein ~~the terminal apparatus transmits to the time certification server~~ the terminal information includes ~~including~~ a previously issued time certification code, and

~~wherein~~ the time certification server inputs from the terminal apparatus the terminal information including the previously issued time certification code, generates the second code based on the terminal information including the time certification code and the temporal change information, and transmits the second code to the terminal apparatus as a new time certification code.

Claim 18 (Currently Amended): The time certification method of claim 17, wherein the time certification code memory section stores the previously issued time certification code and the new time certification code in correlation with each other in a traceable manner, and

~~wherein~~ the time certification server, upon receipt of the time certification code from the terminal apparatus, retrieves from the time certification code memory section a time certification code that correlates with the time certification code received sequentially, and outputs to the terminal apparatus certification information acquired from the time certification code retrieved.

Claim 19 (Currently Amended): The time certification method of claim 15, wherein the temporal change information is provided from a plurality of source devices, and ~~wherein~~ the time certification server ~~connectable to the plurality of source devices~~ selects one of the plurality of source devices based on time, ~~thereby thus inputting the temporal change information.~~

Claim 20 (Currently Amended): A computer readable recording medium encoded with computer program instructions, which when executed by a computer, cause the computer to execute a method of time certification, comprising ~~program or a storage medium that has stored therein the time certification program, causing a computer to execute:~~

[[a]] ~~receiving process that receives~~ from a terminal apparatus an issue request for a time certification code and terminal information relating to the terminal, the terminal information including position information of the terminal apparatus obtained by measuring a position of the terminal apparatus;

~~a temporal change information input process that inputs~~ inputting temporal change information;

~~a first code generating process that generates~~ a first code by encoding the temporal change information ~~inputted by the temporal change information input process, and~~ outputting ~~outputs~~ the first code;

~~a second code generating process that generates~~ a second code based on the received terminal information ~~received by the receiving process and the first code outputted by the first code generating process, and~~ outputting ~~outputs~~ the second code;

[[a]] ~~transmitting process that transmits~~ the second code ~~outputted by the second code generating process to the terminal apparatus as a time certification code;~~

~~a time certification code memory process that stores~~ storing the time certification code ~~transmitted by the transmitting process in correlation with time; and~~

~~a certification process that receives~~ receiving the time certification code from the terminal apparatus[[.]];

~~retrieves~~ retrieving the stored time certification code ~~stored by the time certification code memory process;~~

~~acquires~~ acquiring time that correlates with the time certification code[[,]]; and
~~outputs~~ outputting to the terminal apparatus certification information based on the
time acquired.